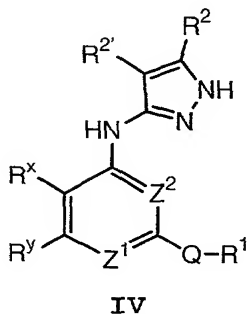


Abstract

This invention describes novel pyrazole compounds of formula IV:



wherein  $Z^1$  or  $Z^2$  is nitrogen, Q is -S-, -O-,  $-N(R^4)-$ ,  $-C(R^{6'})_2-$ , 1,2-cyclopropanediyl, 1,2-cyclobutanediyl, or 1,3-cyclobutanediyl, and  $R^1$  is T-Ring D, wherein Ring D is a 5-7 membered monocyclic ring or 8-10 membered bicyclic ring selected from aryl, heteroaryl, heterocyclyl or carbocyclyl;  $R^x$  and  $R^y$  are independently selected from T- $R^3$  or L-Z- $R^3$ , or  $R^x$  and  $R^y$  are taken together with their intervening atoms to form a fused, unsaturated or partially unsaturated, 5-7 membered ring having 0-3 heteroatoms; and  $R^2$  and  $R^{2'}$  are as described in the specification. The compounds are useful as protein kinase inhibitors, especially as inhibitors of Aurora-2 and GSK-3, for treating diseases such as cancer, diabetes and Alzheimer's disease.